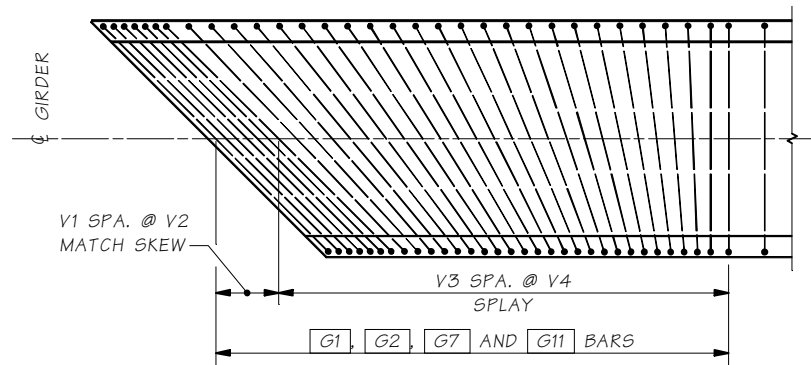


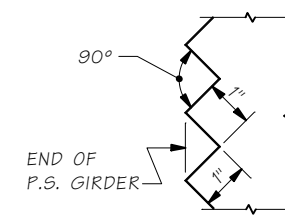
END 1  
GIRDER SCHEDULE LEGEND  
END 2

L<sub>L</sub> AND L<sub>t</sub> ARE SHIPPING SUPPORT LOCATIONS AT LEADING AND TRAILING ENDS, RESPECTIVELY.



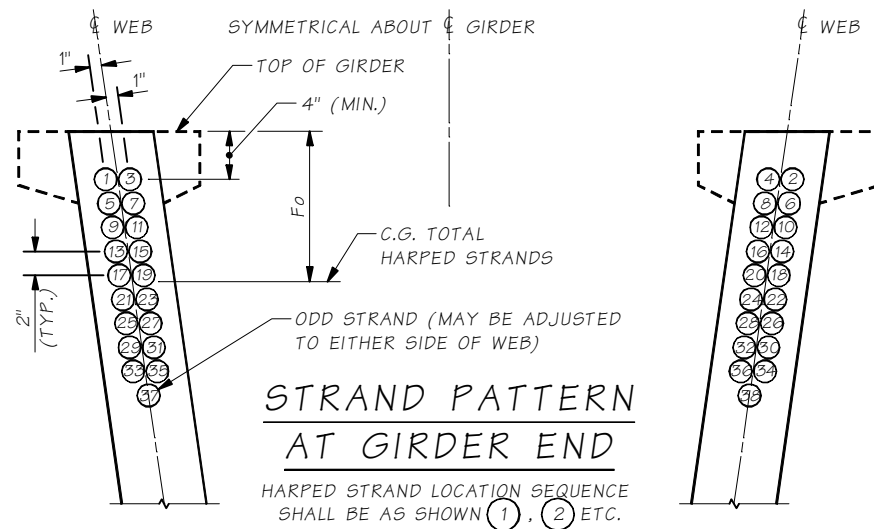
TRANSVERSE REINFORCING  
SKEWED ENDS

LENGTH OF G<sub>1</sub> AND G<sub>7</sub> VARY WITH SKEW.  
ONLY TRANSVERSE REINFORCEMENT SHOWN.

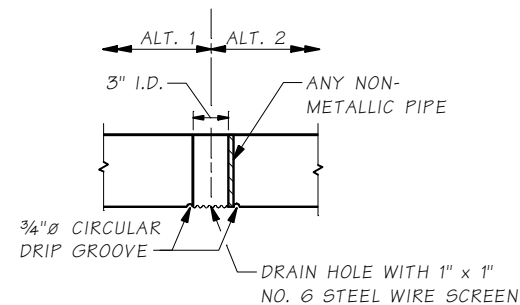


SAWTOOTH DETAILS

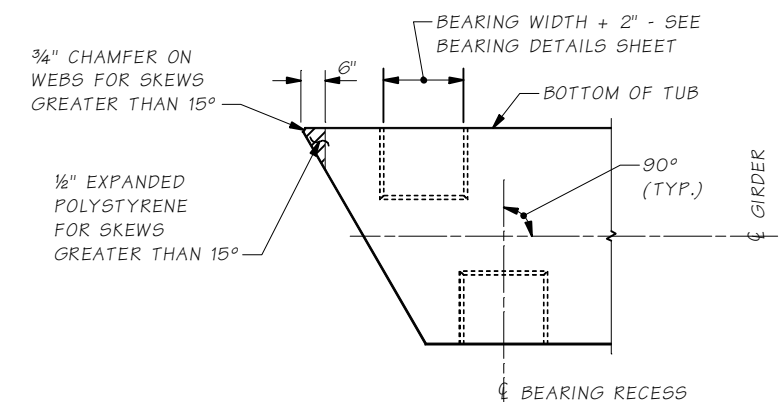
SAWTEETH ARE FULL WIDTH - USE SAWTOOTH KEYS FROM BOTTOM OF BOTTOM FLANGE TO BOTTOM OF LOWEST HARPED STRAND AS WELL AS TOP FLANGE ADJACENT TO HARPED STRANDS.



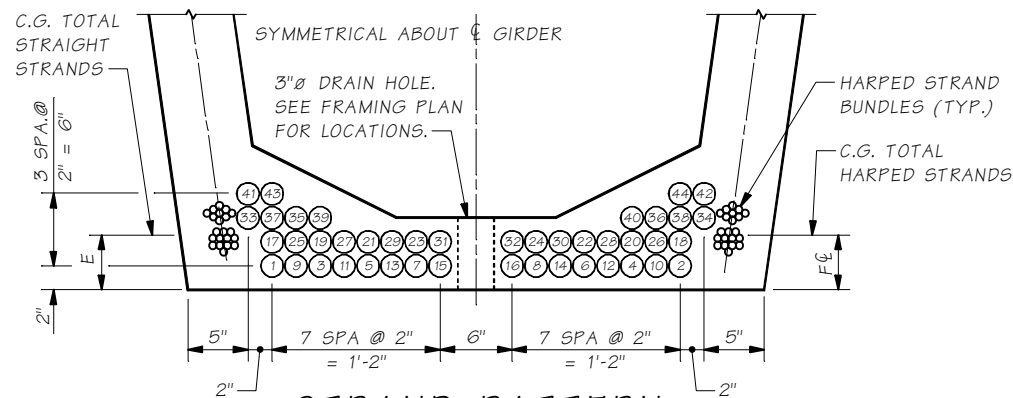
STRAND PATTERN  
AT GIRDER END



BOTTOM SLAB  
DRAIN HOLE DETAIL



PLAN



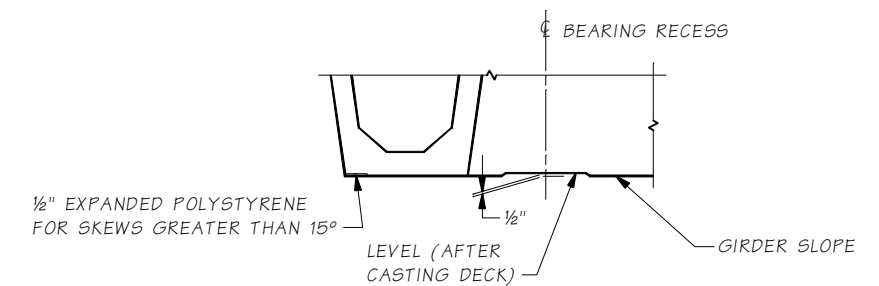
STRAND PATTERN  
AT SPAN

STRAIGHT STRAND LOCATION SEQUENCE SHALL BE AS SHOWN ①, ② ETC.  
4 FOOT WIDE BOTTOM FLANGE SHOWN, OTHERS SIMILAR.

STRAND CHUCK TACK WELDED TO ASTM A36 PL 1/2 x 4 x 0'-4 WITH 3/4"Ø HOLE PRIOR TO INSTALLING ON STRAND OR 2 3/4"Ø x 1 1/8" STEEL STRAND ANCHOR (TYP.)

STRAND EXTENSION DETAIL

ANCHOR STRAND WITH TWO PIECE WEDGES BEFORE GIRDER ERECTION. VERIFY WEDGES ARE SEATED TIGHTLY IMMEDIATELY BEFORE PLACING DIAPHRAGM CONCRETE.



ELEVATION

BEARING RECESS AND BOTTOM  
FLANGE SPALL PROTECTION DETAIL

Last revised on : 7/8/2011

5.6-A9-3  
SR  
FILE NO.  
SHEET

Bridge Design Engr.	M:\STANDARDS\Girders\Trapezoidal Tubs\TUB GIRDER DETAILS 2 OF 3.MAN	REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
Supervisor		10	WASH.			
Designed By		JOB NUMBER				
Checked By						
Detailed By						
Bridge Projects Engr.						
Prelim. Plan By						
Architect/Specialist	DATE	REVISION	BY	APPD		

Thu Jan 26 10:56:53 2012

BRIDGE  
AND  
STRUCTURES  
OFFICE



Washington State  
Department of Transportation

STANDARD  
PRESTRESSED CONCRETE GIRDERS

TUB GIRDER  
DETAILS 2 OF 3

BRIDGE  
SHEET NO.  
SHEET  
OF  
SHEETS